

SCIENCE ADVISORY BOARD
ADVISORY COMMITTEE ACTIVITY SUMMARIES
August - October 2000

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Prepared for the
November 1-2, 2000 Executive Committee Meeting
by the Committee Operations Staff
of the Science Advisory Board

OVERVIEW: This document was prepared by the Committee Operations Staff (COS) to summarize recent activities of the Standing and various *ad hoc* Committees of the Board. These summaries are designed to supplement discussions at the November 1-2, 2000 meeting of the Board's Executive Committee. This document includes committee summaries that cover the period since the last face-to-face Executive Committee meeting (July 12-13, 2000), a listing of COS Staff, a list of all SAB reports (full and letter size) issued during FY2000 (October 1 1999 - September 30, 2000), along with a listing of reports that are presently in progress. Final SAB reports mentioned below can be found on the SAB website (www.epa.gov/sab).

1. ADVISORY COMMITTEE SUMMARIES

1.1 Clean Air Scientific Advisory Committee (CASAC)

The Clean Air Scientific Advisory Committee (CASAC) has a statutorily mandated responsibility (under the 1977 and 1990 Clean Air Act Amendments) to review and offer scientific and technical advice to the Administrator on the air quality criteria and regulatory documents which form the basis for the national ambient air quality standards (NAAQS). NAAQS have been established for lead, particulate matter (PM), ozone and other photochemical oxidants (O₃), carbon monoxide (CO), nitrogen oxides (NO_x) and sulfur oxides (SO_x). The CASAC process normally includes review of the Office of Research and Development's (ORD) Air Quality Criteria Document (CD) for a given NAAQS, followed by a review of the Office of Air and Radiation's (OAR) Staff Paper (SP) for that NAAQS. The Criteria Document contains all the relevant scientific and technical information on the pollutant, while the Staff Paper is the bridge between the science in the criteria document and the policy decision that has to be made by the EPA Administrator. Sometimes the Committee reviews the regulatory proposal for a NAAQS prior to its promulgation. The Committee also offers research recommendations on a periodic basis, normally following its review of a particular NAAQS. The Committee is currently involved in the review cycles for PM and CO.

a) Recent and Planned Activities

1) Particulate Matter (PM) NAAQS - a) Criteria Document/Staff Paper - The CASAC has already met on this issue several times. A detailed peer review will take place at the next meeting which is planned for February 2001; b) PM Research Strategy - The Committee last met on June 10, 1999 and issued a report. A meeting to review the revised document is planned for after December 1, 2000, but not yet scheduled; c) Fine Particles - The CASAC Technical Subcommittee for Fine Particle Monitoring (the "Subcommittee") is providing advice to the Office of Air and Radiation on PM monitoring activities. The Subcommittee plans to hold several meetings over the next few years to respond to its developing charge and to ensure that appropriate coordination is established with the NRC Committee on particles. Most recently, the Subcommittee met on April 18-19, 2000 to be briefed on the status for the fine particle monitoring program with an emphasis on the chemical speciation and "Supersites" study programs and to conduct an Advisory on the PM 2.5 monitoring network. CASAC met via public teleconference on July 5th to approve this Subcommittee report. Another face-to-face meeting is planned for the first quarter of 2001.

2) Carbon Monoxide (CO) NAAQS - On November 18, 1999, the Committee completed its review (reaching closure) of the CO Criteria Document. The Committee completed its report on January

11th (EPA-SAB-CASAC-LTR-00-002). A meeting on the first draft of the CO Staff Paper is planned for the second quarter 2001, but is not yet scheduled.

3) Diesel Health Assessment - The Committee reviewed this draft ORD document in May 1995, May 1998 and December 1999. In each case, the Committee noted that the document was not scientifically adequate for making regulatory decisions concerning the use of diesel powered engines. Most recently, the Committee met on October 12-13 to review the revised draft. At this meeting, the Committee reached closure on the draft, while providing EPA with extensive comments and suggestions for improvement.

4) Ozone NAAQS - The Committee plans to review the Ozone Research Strategy and Ozone Research Needs documents at a meeting that is planned for the second quarter 2001, in conjunction with the CO Staff Paper review noted above.

b) Membership

There are two anticipated vacancies to the seven-member statutory panel beginning in FY2001 (the Chair and one other Member). An additional vacancy arose with the resignation [due to the press of other duties] of another member.

1.2 Advisory Council on Clean Air Compliance Analysis (Council)

a) Background

The Council has its origin in the requirements of Section 812 of the Clean Air Act Amendments of 1990. That section mandated that a Council be established to provide independent advice on technical and economic aspects of analyses and reports that the Agency prepares concerning the impacts of the Clean Air Act on the public health, economy, and the environment of the United States.

The Agency submitted the first prospective analysis to Congress in November 1999. The analysis projected the costs and benefits of implementation of the Clean Air Act Amendments (CAAA) over the period 1990-2010. The Council and its subcommittees provided the Administrator with a series of letters offering advice to strengthen the prospective analysis.

The Council has two standing subcommittees, the Health and Ecological Effects Subcommittee (HEES) and the Air Quality Modeling Subcommittee (AQMS).

The Agency anticipates bringing a "blueprint" for the second prospective analysis to the Council and possibly its subcommittee in February 2001.

b) Activities since the last EC Meeting

No activity.

c) Future Activities

The Council and its subcommittees expect to advise EPA in the design and development of the next iteration of the Section 812 prospective study.

d) An Update on Membership for FY2000

A new chair has been appointed to the Council, Dr. Trudy Cameron. The outgoing chair, Dr. Maureen Cropper has been reappointed for a 1-year term. Six members have been reappointed to the Council and three new appointments made.

1.3 Drinking Water Committee (DWC)

The Science Advisory Board is mandated by the 1996 Safe Drinking Water Act (SDWA) Amendments to comment on drinking water regulations prior to promulgation. The Drinking Water Committee (DWC) carries out this mandate for the Board by reviewing various scientific and technical documents associated with the Office of Water's SDWA regulatory activities. The DWC also reviews various drinking water research plans and products for EPA's Office of Research and Development and observes EPA Stage 2 drinking water regulation stakeholder meetings to both learn more of this EPA approach to achieving its mission and to help the program office identify scientific and technical issues that might benefit from SAB interaction.

a) Recent Activities

1) The Drinking Water Committee met in Washington, DC on March 13-14, 2000 to consider and develop comments on two draft rulemaking proposals, the Long-Term 1 Enhanced Surface Water Treatment/Filter Backwash Rule and the Groundwater rule with EPA representatives. As a result of these interactions the Committee prepared reports which were sent to the Administrator with the SAB's advice on these rules. In addition, the DWC members received a lengthy briefing on EPA efforts to develop a proposed drinking water standard for arsenic and EPA's progress in developing its research strategy for the Candidate Contaminant List (CCL) program. The Committee also received an update on the Stage 2 Stakeholder process for Microbial/Disinfection Byproducts regulation.

2) The DWC met again in Washington, D.C. from June 5 through 7, 2000 to confer on a number of issues relevant to the EPA drinking water program (elements of the proposed Arsenic Drinking Water Standard and consideration of possible DWC - EPA interactions on Stage 2 of the Microbial/Disinfection Byproducts rule making-- M/DBP2). EPA asked the Committee to consider two aspects of the rule, treatment issues and health issues. The focus of the health issues was a series of questions concerning: (a) the principal arsenic form causing health effects; (b) implications of natural arsenic exposure through food; and (c) addressing the cardiovascular health end point in infants. The focus of the treatment technology and cost issues was on residuals disposal and the decision tree used by EPA to determine community water system response to a changed arsenic MCL.

The Committee's draft report was discussed again at its August 8-9, 2000 meeting and as a result of that a final report was generated for EC review. That report included as an attachment a minority report that was developed by a consultant to the Committee. The minority report was also joined in by one member of the DWC. On September 22, the EC approved the report subject to approval of the vetters of changes that were judged to be necessary. The Committee is responding to the comments and the revised report will be discussed with the Vectors as soon as possible.

3) DWC and Stakeholder Process for Stage 2 Drinking Water Regulations - At its October 1998 SAB meeting, the Executive Committee endorsed the DWC's plan to conduct an experiment to learn more about one of EPA's evolving approaches to achieve its environmental protection mission (broader interaction between EPA and stakeholders). In this activity, DWC representatives observe each Stakeholder meeting in order to become informed of the scientific processes and issues that are a part of the interactions. This benefits the DWC by allowing it to keep up with new EPA regulatory approaches. Since the last SAB Executive Committee meeting, the Stakeholder Committee has met monthly to discuss

the status of EPA's management of data obtained from the first twelve (12) months of the Information Collection Rule; the state-of-the-science on carcinogenic, reproductive, and developmental effects associated with Disinfection Byproducts (both toxicology based and epidemiology based results); microbial monitoring, occurrence, and disease; and control technology issues. The focus of the deliberations has shifted throughout the process from providing all panelists with an understanding of the science issues that exist in this rule making activity, to considering how the available science translates into recommendations for the agency decision makers, and then to developing options for consideration by the overall Plenary. The Stakeholders are now considering a draft agreement that will be discussed at its July 27-28, 2000 meeting and then it will be presented to the parent organizations of each stakeholder representative for consideration and approval. A draft proposal will then be published that is consistent with a final agreed to stakeholder position.

b) Future Activities

The Drinking Water Committee is in the process of planning its agenda for FY 2001.

c) Status of Reports in Progress The arsenic report is being revised by the DWC members.

d) An Update on Membership for FY2000

There are four anticipated vacancies for the Committee as of September 30, 2000. This includes the Chair and three members who specialize in drinking water engineering issues. In addition, three Members are due for renewal or replacement.

1.4 Ecological Processes and Effects Committee (EPEC)

a) Activities since the last Executive Committee meeting

The Ecological Processes and Effects Committee met on September 20-22, 2000 in Washington, DC to continue its strategic project to describe and apply a framework for reporting on ecological condition. The Committee is drafting a white paper describing essential ecological attributes that should be included in reporting schemes, including those devised to report on Government Performance and Results Act (GPRA) goals. At the meeting, the Committee was briefed on a variety of EPA environmental reporting efforts, as well as the U.S. Forest Service's Forest Health Monitoring program. The Committee's final report will include case examples to illustrate potential applications of their reporting framework for EPA programs and projects.

b) Future Activities:

In the December/January timeframe, the Committee plans to conduct a review of the Science to Achieve Results (STAR) Waters and Watersheds Program. The Waters and Watersheds Request for Applications is one of several special grant competitions conducted jointly with EPA, NSF, and USDA. A primary focus of the SAB review of the Waters and Watersheds program will be to consider the degree to which the program's interdisciplinary emphasis (combining physical, ecological, and social science research) is yielding scientific research that enhances our understanding of structure, function, and dynamics of ecosystems to support watershed management. The review will build off the recent joint SAB/BOSC review of the overall STAR Program (EPA-SAB-EC-00-008).

c) Membership Issues

Four of the members of EPEC have terms ending in September 2000.

1.5 Environmental Health Committee (EHC)

The Environmental Health Committee (EHC) met on August 30, 2000, in Washington, DC to fulfill a Congressional directive to review (and to provide advice and comment on) EPA's mandated study of the Integrated Risk Information System (IRIS). The EPA study plan reflected the advice received from an earlier Consultation with the SAB Executive Committee. The Committee was generally supportive of the report and agreed that the Agency did a good job implementing the study plan. Some suggestions for improving the draft report were provided, as well as suggestions for improving the operations of the IRIS itself. The EHC's report was approved at an EC teleconference on September 22, 2000 and subsequently transmitted to the Administrator.

The EHC is expected to meet next in the early Spring of 2001 to address the EPA Draft Air Toxics Monitoring Strategy (incorporating Members of the EEC as liaisons), and later in the Spring to review the Agency's draft research strategy on health risk assessment.

1.6 Environmental Economics Advisory Committee (EEAC)

The Science Advisory Board's Environmental Economics Advisory Committee is responsible for reviewing and providing advice on a number of economic analysis initiatives at the EPA. Included are efforts to help the Agency develop high quality economic research plans and efforts to help the Agency develop improved environmental economic analysis procedures and guidelines.

a) Activities Since the Last EC Meeting

The Environmental Economics Advisory Committee met in February 2000 to review an EPA White Paper entitled, *Valuing Fatal Cancer Risk Reductions*. This paper, along with two case studies, explores whether, and if so, how one might adjust the Value of Statistical Life to reflect a number of factors, including: latency between exposure and tumor development, dread, voluntariness/ controllability of the risk, public vs. private nature of the risk, income, risk aversion, life expectancy, and health status.

b) Future Activities

The next meeting of the EEAC has not been scheduled.

c) Status of Reports in Progress

The report on the Committee's review of the EPA White Paper on *Valuing Fatal Cancer Risk Reductions*, was delivered to the Administrator.

d) An Update on Membership for FY2000

There are three anticipated vacancies for the Committee as of September 30, 2000. In addition, four Members are due for renewal or replacement.

1.7 Environmental Engineering Committee (EEC)

a) Activities since the last EC Meeting -

1) The EEC September 20 by conference call. The chief purposes of this meeting were approval of the Commentary on Measures of Environmental Technology Performance, the consideration of potential FY2001 activities (Project 01-15, a consultation on Sustainability Research, and Project 01-18, the Surface Impoundments Study review), and preliminary planning for the Committee's December 5-7, 2000 EEC meeting.

2) The Environmental Engineering Committee's Natural Attenuation Subcommittee met face-to-face on August 14-15 and by conference call October 25. The Subcommittee plans a teleconference editing session November 6 to complete its report so that it can be considered by the EEC in December. (Project # 00-15)

The Committee's Commentary on Measures of Environmental Technology has been submitted to the Executive Committee for review at this meeting.

b) Future Activities:

- 1) The Natural Attenuation Review Subcommittee editing conference call November 6, 2000.
 - 2) The EEC meets face-to-face December 5-7, 2000.
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1.8 Integrated Human Exposure Committee (IHEC)

The IHEC last met on July 10/11, 2000 to review the draft strategy document on the analysis of data from the National Human Exposure Assessment Survey (NHEXAS). The NHEXAS studies tested protocols for acquiring population distributions of exposure measurements and by developing exposure databases for use in exposure models, exposure assessment, and risk assessment. The Committee found that the NHEXAS strategic plan represented a remarkable effort and supported the efforts already under way to create a public use data set and develop and support Web-based access. The IHEC noted that EPA should carefully review the long-term support needs of this endeavor and ensure that the necessary resources will be available to maintain the effort. The Committee's report was approved at an EC teleconference on September 22, 2000 and subsequently transmitted to the Administrator.

There are currently no plans for the next IHEC meeting.

1.9 Radiation Advisory Committee (RAC)

a) Highlights of Recent Accomplishments:

1) The RAC has completed several drafts of *An SAB Advisory: Proposed Approach to Evaluating TENORM Occurrence and Risks* to be discussed at the November 2000 EC Meeting.

2) The RAC conducted a FACA conference call on August 1, 2000. The areas of discussion included a review of the EPA's response to RAC's SAB Low Activity Mixed Waste Advisory (EPA-SAB-RAC-ADV-99-006) and a brief overview on a Multi-Agency Radiation Laboratory Analytical Protocols (MARLAP) Manual by the Office of Radiation and Indoor Air (SAB Project 00-22).

3) The RAC conducted a technical editing session for GENII Version 2 (v.2) and will be conducting another editing session shortly in order to finalize outstanding topics (see future RAC activities).

b) Future Activities of the Committee and its Ad Hoc Subcommittees

Anticipated topics for the RAC's December 12-14, 2000 winter meeting include a review of ISCORS Draft Sewage Sludge Dose Modeling Report (SAB Project 01-27), and planning for the review of MARLAP (01-28). The MARLAP review is anticipated to be the major topic of discussion for upcoming meetings. The RAC has been working on the GENII v.2 advisory and will hold a second editing session on November 3. They are expecting to have a 1st Public draft available for distribution by November 9, 2000.

1.10 Research Strategies Advisory Committee (RSAC)

The broad RSAC objective is to advise the Agency on its process for developing research priorities and planning to support those priorities in terms of expertise, infrastructure, and budget.

a) Recent Activities

The Research Strategies Advisory Committee (RSAC) met by teleconference on October 27 to conduct a consultation on the ORD Strategic Research Plan.

b) Future Activities

A December meeting is being planned to be briefed on the agency budget process and schedule in preparation for the Spring review of the FY 2002 Science and Technology Budget, a discussion of NAS Report "Strengthening Science at the US EPA", a briefing on the EPA Science Plan & Inventory, a planning session on next steps for the "Peer Review of the Peer Review Process", and planning future committee activities.

1.11 *ad hoc* Subcommittees of the Executive Committee (EC)

1.11.1 Scientific and Technological Achievement Awards (STAA) Subcommittee

The Subcommittee met in closed session on June 22-23, 2000 to review 102 nominations for awards submitted by EPA. Approximately 39% of the nominations were recommended for an award. The draft report of the Subcommittee was reviewed by the Executive Committee at the July 12-13, 2000 meeting with edits recommended. The final report was sent to the Agency on August 14th. The panel is chaired by Dr. Herb Ward of Rice University.

1.11.2 SAB/EPA Workshop on the Benefits of Reductions in Exposure to Hazardous Air Pollutants: Developing Best Estimates of Dose-Response Functions

The Office of Air and Radiation is developing a draft Report to document the Workshop held on June 22-23, 2000 to improve methods for characterizing benefits associated with environmental programs that protect against air toxics. The goal is to improve benefits assessment for the Agency's analyses of air toxics, as required by Section 812 of the Clean Air Act Amendments of 1990.

1.11.3 EPA/SAB Workshop on the Benefits of Reducing Hazardous Air Emissions : Improving Exposure Estimates

Members of the SAB have had initial discussions with the Agency to plan the second workshop that will focus on air toxics. Initial discussions concluded that the workshop should follow SAB review of the National Air Toxics Assessment National Scale Assessment. The workshop is likely to happen in May or June 2001.

1.11.4 SAB/EPA Workshop on Understanding Values, Attitudes, and Decision Factors Related to Ecological Risk Management

Members and Consultants of the SAB held a planning meeting on October 4, 2000 to plan the Workshop, which is anticipated to happen in May or June 2001. The Workshop is a follow-up activity to the work of the Valuation Subcommittee involved in the Integrated Risk Project. The purpose is to demonstrate how scientists using different kinds of analytical methods, tools and approaches from the economic, social, decision, and ecological sciences can mutually inform each other and risk managers in understanding: (a) values, attitudes and decision factors related to specific threats to ecological resources, such a specific water body threatened with nitrogen deposition and (b) the significance of those values.

The Workshop will focus on Tampa Bay Estuary and will challenge researchers to address the following questions:

Given that the state of knowledge about ecological and human health effects of nitrogen deposition are fairly well known in the Tampa Bay Estuary, EPA seeks answers to the following questions, in terms that are relevant to and readily comprehensible to Agency management:

- A. Why do people care about protecting waterbodies, addressing current problems and preventing further nitrogen deposition?
- B. How can we move beyond current economic considerations, per se, to identify and evaluate/measure how and how much people care about protecting the resource?

1.11.5 Integrated Risk Project

The final report of the integrated risk project was published in August (EPA-SAB-EC-00-011, August 18, 2000). Copies will be distributed to those on the SAB. Additional copies are available from staff.

2. ADVISORY COMMITTEE OPERATIONS

2.1 Committee Operations Staff (with Principal Committee assignments noted)

Team Leader: Bob Flaak (CASAC)

Designated Federal Officers: Stephanie Sanzone (EPEC), Kathleen Conway (EEC), Angela Nugent (Council), Sam Rondberg (IHEC & EHC), Tom Miller (DWC & EEAC), and Melanie Medina-Metzger (RAC).

Management Assistants: Wanda Fields (EHC, IHEC, & RSAC), Dorothy Clark (DWC & EEAC), Diana Pozun (RAC, Council & CASAC) and Mary Winston (EPEC & EEC).

Other Committee Staff: Jack Fowle (DFO - RSAC) and Don Barnes (DFO - EC); and Betty Fortune (Support for EC).

2.2 Reports Issued this Fiscal Year (in chronological order) (R) = Full Reports; (L) = Letter Reports; (A) = Advisories; (C) = Commentaries; (N) = Notification of a Consultation

October:

- a) Commentary on the Role of Science in New Approaches (EC Subc) (C)
- b) Commentary on Utility of Proactive Technical Advice (EEC) (C)
- c) Clean Air Act Amendments Section 812 Prospective Study of Costs and Benefits: Advisory by the Health and Ecological Effects Subcommittee on Initial Assessments of Health and Ecological Effects, part 2. (COUNCIL) (A)
- d) The Clean Air Amendments (CAAA) Section 812 Prospective Study of Costs and Benefits (1999): Advisory by the Advisory Council on Clean Air Compliance Analysis: Costs and Benefits of the CAAA (COUNCIL) (A)

November:

- a) Notification of a Consultation on the Development of the Carbon Monoxide Staff Paper (CASAC) (N)
- b) Final Advisory by the Advisory Council on Clean Air Compliance Analysis on the 1999 Prospective Study of Costs and Benefits (1999) of Implementation of the Clean Air Act Amendments (CAAA) (COUNCIL) (A)
- c) An SAB Report: Review of the Peer Review Program of the Environmental Protection Agency (RSAC) (R)

December:

- a) Notification of a Consultation on the Topic: Induced Travel: Does Additional Highway Capacity Influence Travel Demand? (EEAC) (N)
- b) Notification of a Consultation on the Study of the Integrated Risk Information System (IRIS) (EC Subc) (N)
- c) Notification of a Consultation on the Development of the Particulate Matter Staff Paper (CASAC) (N)
- d) Science Advisory Board's review of the draft Chloroform Risk Assessment and Related Issues in the Proposed Cancer Risk Assessment Guidelines (EC Subc) (L)
- e) A SAB Report on EPA's Per Capita Water Ingestion in the United States (DWC) (R)

January:

- a) Closure on the Document, Air Quality Criteria for Carbon Monoxide (CASAC) (L)

- b) Commentary on the Agency's Proposed Drinking Water Standard for Radon (EC) (C)

February:

- a) Review of the Diesel Health Assessment Document (CASAC) (R)
- b) Notification of a Consultation on the Eco-Soils Screening Levels (EPEC) (N)
- c) Review of the draft Air Quality Criteria Document for Particulate Matter (CASAC) (L)
- d) Biotic Ligand Model for Metals in Water Column (EPEC) (R)
- e) An SAB Report: Review of an Integrated Approach to Metals Assessment in Surface Waters and Sediments (EPEC) (R)

March:

- a) An SAB Report: Review of the FY2001 Presidential Science and Technology Budget Request for the Environmental Protection Agency (RSAC) (R)
- b) An SAB/BOSC Report: Review of the Science to Achieve Results (STAR) Program of the Environmental Protection Agency (EC Subc) (R)

April:

- a) Review of the draft Chloroform Risk Assessment (EC Subc) (R)

May:

- a) Review of the SAB Report "Towards Integrated Environmental Decision-Making"(EC) (L)
- b) Comments on EPA's Long-Term 1 Enhanced Surface Water Treatment and Filter Backwash Rule (DWC) (C)
- c) An SAB Advisory on the Agency's "Total Risk Integrated Methodology" (TRIM) (EC Subc) (A)
- d) Science Advisory Board Advisory on the USEPA's Draft Case Study Analysis of the Residual Risk of Secondary Lead Smelters (EC Subc) (A)
- e) Notification of a Consultation on Thermal Carbon Analysis (CASAC) (N)
- f) Notification of a Consultation on Sampler Intercomparison Study (CASAC) (N)

June:

- a) An SAB Report: Assessment of Risks from Radon in Homes (RAC) (R)
- b) Science Advisory Board Letter Report on EPA's Draft Proposal for the Groundwater Rule (DWC) (L)

July:

- a) An SAB Report on EPA's White Paper Valuing the Benefits of Fatal Cancer Risk Reduction (EEAC) (R)
- b) Review of the EPA Response to Section 6102(e) of the Transportation Equity Act for the 21st Century (CASAC) (L)
- c) Commentary on the Residual Risk Program (EC) (C)
- d) Advisory on the PM2.5 Monitoring Program (CASAC) (A)
- e) Consultation on ISCORS Sewage Sludge Dose Modeling Scenarios (RAC) (N)

August:

- a) Towards Integrated Environmental Decisionmaking (EC) (R)
- b) Review of EPA's Environmental Technology Verification program (EEC) (R)
- c) Science Advisory Board Award Recommendations for the 1999 Scientific and Technological Achievement Awards (STAA) Program (EC Subc) (R)
- d) Review of Draft Air Toxics Monitoring Strategy Concept Paper (EC Subc) (R)

September:

- a) Review of the EPA's draft Revised Cancer Risk Assessment Guidelines Pertaining to Children (EC Subc) (R)
- b) Review of the National Human Exposure Assessment Survey (NHEXAS) (EC Subc) (R)
- c) Review of the Draft Report to Congress: "Characteristics of Data Uncertainty and variability in IRIS Assessments, Pre Pilot vs. Pilot/Post-Pilot" (EHC) (L)
- d) Commentary and Recommendations on Overcoming Barriers to Waste Utilization (EEC) (C)
- e) An SAB Advisory on EPA's Draft Contaminant Candidate List (CCL) Research Plan (DWC) (A)

2.3 Reports in Progress (R) = Full Reports; (L) = Letter Reports; (A) = Advisories; (C) = Commentaries, (N) = Notification of a Consultation

For EC Review on November 1-2:

- a) Measures of Technology Performance (EEC) (C)
- b) TENORM (RAC) (A)
- c) Diffusion and Adoption of Innovations (EEC Subc) (C)

For EC Review at a later date:

- a) Eco-risk Report Card (EPEC) (R)
- b) Natural Attenuation for Groundwater Remediation 2000 (EEC) (R)
- c) GENII Ver. II (RAC) (A)
- d) Risk Reduction Options - IRP (EEC) (R)

Not Subject to EC Review (CASAC/COUNCIL):

- a) Review of the Diesel Health Assessment Document (CASAC) (L)

Approved by EC and undergoing completion:

- a) Arsenic (DWC) (R)

2.4 Staff Contact Information

For further information concerning any committee, please contact the relevant staff as noted below. Phone numbers are as follows (area code 202 for all numbers, unless otherwise noted):

Don Barnes	564-4533	Betty Fortune	564-4533
Jack Fowle	564-4547	Mary Winston	564-4533
Robert Flaak	564-4546	Dorothy Clark	564-4533
Sam Rondberg	(301) 812-2560	Diana Pozun	564-4533
Angela Nugent	564-4562	Wanda Fields	564-4533
Stephanie Sanzone	564-4561		
Kathleen Conway	564-4559		
Jack Kooyoomjian	564-4557		
Tom Miller	564-4558		
Melanie Medina-Metzger	564-5987 (on detail to the SAB until December 2000)		

Fax for all Committee Operations Staff is: (202) 501-0582
(except for Sam Rondberg whose fax is (410) 286-2689).

Internet/e-mail for all EPA staff is: LASTNAME.FIRSTNAME@EPA.GOV (Except for Sam Rondberg whose e-mail is: SAMUELRL717@AOL.COM).

2.5 Current Staffing Alignments:

Executive Committee	Don Barnes	Diana Pozun w/assistance by Betty Fortune
CASAC	Robert Flaak	Vacant
COUNCIL	Angela Nugent	Diana Pozun
DWC	Tom Miller	Dorothy Clark
EEAC	Tom Miller	Dorothy Clark
EEC	Kathleen Conway	Mary Winston
EHC	Sam Rondberg	Wanda Fields
EPEC	Stephanie Sanzone	Mary Winston
IHEC	Sam Rondberg	Wanda Fields
RAC	Melanie Medina-Metzger	Vacant
RSAC	Jack Fowle	Wanda Fields
ad hoc EC Subcommittees	-- Varies with issue and scheduling --	

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